

DNA Marker I (5 μ l/T) for page

Product Number: DM02P

Shipping and Storage

After melting, store at 4°C and permanently store at -20°C.

Description

The DNA markers produced by our company are all obtained through enzyme digestion of plasmids. The markers produced by this process have a clean background, clear bands, stable quality, and can achieve accurate quantification of markers. The product contains two dyes (xylene blue and bromophenol blue).

This product is a ready to use product that already contains 1 \times Loading Buffer. According to experimental needs, an appropriate amount of Marker can be directly taken for electrophoresis. DNA Marker I (5 μ l/T) for page consists of 7 DNA bands, the DNA bands are: 100bp, 200bp, 300bp, 400bp, 500bp, 600bp, 700bp.

Concentration

50ng/5 μ l

Specification

Product Number	Specifications
DM02P	250 μ l \times 4
DM02P	250 μ l \times 50

Protocol

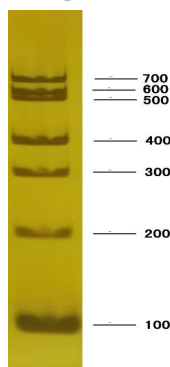
Generally, add 5ML for electrophoresis, and the sample loading amount can be appropriately increased or decreased based on the size of the gel well.

1. 6% PAGE electrophoresis
2. Unload the glue into a clean flat dish
3. Rinse with water three times and discard
4. Dye with 0.1% silver nitrate and shake on a decolorization shaker for 10-15 minutes
5. Pour out the silver nitrate solution and wash it 3 times with water
6. Add freshly prepared chromogenic agent (1.2% sodium hydroxide, 0.4% formaldehyde solution)
7. When the strip appears, immediately pour out the developer and rinse with a large amount of water to terminate the reaction
8. Take photos and record the results as soon as possible

Note: 1) Try to use high-purity water as much as possible

2) Do not touch the adhesive with your hands, wear PE gloves

6% PAGE electrophoresis silver staining



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